



PTO/SB/05 (4/98)

Please type a plus sign (+) inside this box

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b)

First Inventor or Application Identifier | Michel Laberge

Optical cross connect switch having improved alignment control sys

Express Mail Label No.

Attorney Docket No.

See i	MPEP		TION ELEMENTS oncerning utility patent a	pplication contents.	,	ADDRESS T	O: Box P	tant Com atent App ington. D		
	V	* Fee Transm	nittal Form (e.g., PT	O/SB/17)	5.	Microfic	he Comput	er Progra	am (Appendix)	
[2. [×	Specification		otal Pages 116		Nucleotide and if app <u>licable</u> ,			quence Submission	
			ngement set forth below title of the Invention	,,		a (Computer F	Readable	Сору	
		- Cross Refe	rences to Related Ap			b. F	Paper Copy	/ (identic	al to computer copy)	i
			Regarding Fed spons				Statement v	/erifyina	identity of above copic	es
			to Microfiche Append d of the Invention	IIX		يلبيا			ICATION PARTS	
		-	nary of the Invention		7.					
			iption of the Drawings	s (if filed)	7.	 37 C F I	nent Paper: R.§3.73(b)		sheet & document(s)) ent Power of	
		- Detailed De	escription		8.		here is an a			
		- Claim(s)	Alex Direct		9.	English	Translation	1 Docum	ent (if applicable)	
, г			the Disclosure	tal Sheets 21	10.		tion Disclos		Copies of ID	s
3.		יים awing(s) (י				Staterne	ent (IDS)/P		Citations	
4. (Oath	or Declaration	n (<i>T</i>	otal Pages 4	11.		nary Amend		APEP 503)	
	a.		ly executed (original		12.		Receipt Po I be specific			
	b.	Copy	y from a prior application of the prior of t	tion (37 C.F.R. § 1.6		* Small	Entity	State	ment filed in prior appl	-
			DELETION OF INV	ENTOR(S)	13.	Stateme (PTO/SE	3/09-12)		s still proper and desir	ed
		i	Signed statemen	t attached deleting	n 14.		d Copy of F an priority is	-	ocument(s) d)	
			see 37 C.F.R. §§ 1	in the prior application .63(d)(2) and 1.33(b	on,)15.	Other:				
<u> </u>	IOTE F	OR ITEMS 1 & 13	3: IN ORDER TO BE ENTIT	LED TO PAY SMALL ENT	777					,
<u>IF</u>	ONE F	FILED IN A PRIOF	STATEMENT IS REQUIRED R APPLICATION IS RELIED	D UPON (37 C.F.R. § 1.28).	╝ ┃					
16.	If a	CONTINUING	APPLICATION, che						preliminary amendment:	
		Continuation	Divisional	Continuation-in-par	t (CIP)		olication No: _ Group / Art U			-
<u>For</u>	CONT	r application info TINUATION or	DIVISIONAL APPS ont	γ: The entire disclosu	re of the p	rior application	n, from whic	h an oath	n or declaration is supp	lied
	ia - Da	w 4h in secole	forced a part of the disc	Mosure of the accomn	anving cor	itinuation or di	ivisional apı	plication	and is hereby incorporation particular in the company is a second control of the	ilea by
.516				7. CORRESPON						
	-						(D)	- ٦		.,
] Cus	stomer Number	r or Bar Code Label	Insert Customer No. or	Attach bar o	ode label here)	or IX	∟ Corre	espondence address belov	W
		Don C	Dan Gelbart				·· ·			
Name		Dan G	Dan Gelbart							
Address		Creo F	Products Inc.							
			3700 Gilmore Way							
City		Burnab		State	ВС		Zip C	ode \	V5G 4M1	
_	untry	CANA		Telephone		451-2709		Fax ((604) 451-2711	
			Dan Gelbart			Registration N	lo. (Attomev/A	gent)		7
	\vdash			Ar -	$\overline{}$	3		Date	April 24/200	<u>7</u>
	Sign	nature	1							

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.





PTO/SB/17 (6/99)

Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision. Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT

(\$)	4,4	04.	00
------	-----	-----	----

C mplet if Kn wn				
Application Number				
Filing Date				
First Named Inventor	Michel Laberge			
Examiner Name		_		
Group / Art Unit				
Attorney Docket No.				

A PANAGOTA	EEE CALCULATION (continued	<u> </u>
METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)
The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:	. ADDITIONAL FEES .arge Entity Small Entity Fee	Fee Paid
Account Number 03-3571	Code (\$) Code (\$) 105 130 205 65 Surcharge - late filing fee or oath	
Donosit	127 50 227 25 Surcharge - late provisional filing fee of cover sheet.	or
Account Name Dan Gelbart	139 130 139 130 Non-English specification	
Charge Any Additional Fee Required	147 2,520 147 2,520 For filing a request for reexamination	
Under 37 CFR §§ 1.16 and 1.17	112 920* 112 920* Requesting publication of SIR prior to Examiner action	
2. Payment Enclosed: Check Money Other	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	
FEE CALCULATION	115 110 215 55 Extension for reply within first month	-44
	116 380 216 190 Extension for reply within second mor	
1. BASIC FILING FEE	117 870 217 435 Extension for reply within third month	
Large Entity Small Entity Fee Fee Fee Fee Description	118 1,360 218 680 Extension for reply within fourth mont	th
Code (\$) Code (\$) Fee Paid	128 1,850 228 925 Extension for reply within fifth month	
101 760 201 380 Utility filing fee 710	119 300 219 150 Notice of Appeal	
106 310 206 155 Design filing fee	120 300 220 150 Filing a brief in support of an appeal	
107 480 207 240 Plant filing fee	121 260 221 130 Request for oral hearing	
108 760 208 380 Reissue filing fee	138 1,510 138 1,510 Petition to institute a public use proce	eeding
114 150 214 75 Provisional filing fee	140 110 240 55 Petition to revive - unavoidable	
SUBTOTAL (1) (\$) 710.00	141 1,210 241 605 Petition to revive - unintentional	<u> </u>
2. EXTRA CLAIM FEES	142 1,210 242 605 Utility issue fee (or reissue)	<u> </u>
Fee from Extra Claims below Fee Paid	143 430 243 215 Design issue fee	
Total Claims 83 -20** = 63 x 18 = 1,134	144 580 244 290 Plant issue fee	
Independent 35 3** = 32 x 80 = 2,560	122 130 122 130 Petitions to the Commissioner	
Claims Use Multiple Dependent Use 0	123 50 123 50 Petitions related to provisional applica	
**or number previously paid, if greater; For Reissues, see below	126 240 126 240 Submission of Information Disclosure	Stmt
Large Entity Small Entity Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581 40 581 40 Recording each patent assignment property (times number of properties)	er)
103 18 203 9 Claims in excess of 20	146 760 246 380 Filing a submission after final rejection (37 CFR § 1.129(a))	
102 78 202 39 Independent claims in excess of 3	149 760 249 380 For each additional invention to be	
104 260 204 130 Multiple dependent claim, if not paid	examined (37 CFR § 1.129(b))	
109 78 209 39 ** Reissue independent claims over original patent	Other fee (specify)	
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Other fee (specify)	
SUBTOTAL (2) (\$) 3,694	Reduced by Basic Filing Fee Paid SUBTOTAL (3)	(\$) 0
SUBMITTED BY	Complete (if applica	
Name (Print) Type) Dan Gelbart	Registration No. (Attorney/Agent) Telephone 60	
Signature	Date Apv	11/24/2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.





#2 IDS W BAU

PTO/SB/77 (6/99)
Approved for use through 09/30/2000. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Approved for use through ostsorzood. Onto occur occu
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 1999

Patent fees are subject to annual revision.

Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT

Under the Paperwork Reduction Act of 1995,

(\$)	4,404.0	C

C mpl t if Known				
Application Number				
Filing Date				
First Named Inventor	Michel Laberge			
Examiner Name				
Group / Art Unit				
Attorney Docket No.				

3. ADDITIONAL FEES Code								32%
Deposit Dan Gelbart Dan						FI	EE CALCULATION (continued)	
Deposit Dan Gelbart 127 50 227 25 Surcharge - late filing fee or oath 127 50 227 25 Surcharge - late filing fee or oath 127 50 227 25 Surcharge - late filing fee or oath 127 50 227 25 Surcharge - late provisional filing fee or oath 128 139 130 139 130 Non-English specification 147 2,520 14	1. X The Commindicated	nissioner is hereby authorized to charge fees and credit any over payments to:	Large Fee	Entity Fee	Smal Fee	l Entity Fee	у	4.
127 50 227 25 Surcharge - late provisional filing fee or cover sheet. 139 130 Non-English specification 147 2,520 Non-English specification 148 2,520 Non-English specificatio	Account ()3-	3571	Code	e (\$)	Code		·	~~
139 130 130 139 130 139 130 130 139 130	Descrit	Oalband	127	50	227	25	Surcharge - late provisional filing fee or	2357 CH
12 920° 12 920° 12 920° Requesting publication of SIR prior to Examiner action 13 1,840° 13 13 1,840° 13 13 1,840° 13 13 1,840° 13 13 1,840° 13 13 1,840° 13 13 1,840° 13 13 1,840° 13 13 1,840° 13 13 1,840° 13 13 13 13 13 13 13 1	Account Dar	Gelbart	139	130	139	130	Non-English specification	0000
Check	Cha Und	rge Any Additional Fee Required er 37 CFR §§ 1.16 and 1.17		•		•		7.7
Check	2. Paymen						Examiner action	0000 0000
1. BASIC FILING FEE Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee F	Ch			•			Examiner action	
1. BASIC FILING FEE Large Entity Small Entity Fee	F	EE CALCULATION						0.44 ×
Large Entity Small Entity Fee Fe	1. BASIC FIL	ING FEE					Extension for reply within third month	
128 1,850 228 925 Extension for reply within fifth month 101 760 201 380 Utility filing fee 710 106 310 206 155 Design filing fee 107 480 207 240 Plant filing fee 114 150 214 75 Provisional filing fee 115 150 Petition to revive - unavoidable 115 150 Petition to revive - unavoidable Petition to revive - unintentional 115 150 Petition to revive - uni	Large Entity Sm	all Entity	ŀ				Extension for reply within fourth month	\$ 8 8
101 760 201 380 Utility filing fee 710 106 310 206 155 Design filing fee 107 480 207 240 Plant filing fee 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 220 150 Filing a brief in support of an appeal 120 300 120 300 120 300 120 300 120 300 120 300 120 300 120 300 120 300 120 300 120 300 120 300 120 3			1	-				
106 310 206 155 Design filing fee 107 480 207 240 Plant filing fee 120 300 220 150 Filing a brief in support of an appeal Request for oral hearing Petition to institute a public use proceeding Petition to revive - unavoidable Petition to revive - unavoidable Petition to revive - unintentional Petition		380 Utility filing fee 710	1				Notice of Appeal	
107 480 207 240 Plant filing fee 121 260 221 130 Request for oral hearing Petition to institute a public use proceeding 138 1,510	106 310 206	155 Design filing fee		-			Filing a brief in support of an appeal	
108 760 208 380 Reissue filing fee 114 150 214 75 Provisional filing fee SUBTOTAL (1) (\$\$) 710.00 2. EXTRA CLAIM FEES Fee from below Fee Paid Independent 35 - 3** = 32 X 80 = 2.560 Independent 35 - 3** = 32 X 80 = 2.560 Multiple Dependent Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Code (\$\$) 103 18 203 9 Claims in excess of 20 102 78 202 39 Independent claims in excess of 3 138 1,510 138 1,510 Petition to institute a public use proceeding Petition to revive - unavoidable 140 110 240 55 Petition to revive - unavoidable 141 1,210 241 605 Utility issue fee (or reissue) 142 1,210 242 605 Utility issue fee 143 430 243 215 Design issue fee 144 580 244 290 Plant issue fee 158 1 40 581 40 Petition to revive - unavoidable 159 Petition to revive - unavoidable 160 Utility issue fee (or reissue) 160 Petitions to the Commissioner 160 Petitions to the Commissioner 170 Petition to revive - unavoidable 170 100 240 55 Petition to revive - unavoidable 170 110 240 55 Petition to revive - unavoidable 171 10 240 55 Petition to revive - unavoidable 171 10 240 55 Petition to revive - unavoidable 171 10 240 55 Petition to revive - unavoidable 171 10 240 55 Petition to revive - unavoidable 171 10 240 55 Petition to revive - unavoidable 171 10 240 55 Petition to revive - unavoidable 171 10 240 55 Petition to revive - unavoidable 172 10 240 605 Utility issue fee (or reissue) 172 130 122 130 Petition to revive - unavoidable 173 140 581 40 581 40 Petition to revive - unavoidable 174 1 2,10 240 605 Utility issue fee (or reissue) 175 122 130 122 130 Petition to revive - unavoidable 176 127 10 240 605 Utility issue fee (or reissue) 177 10 20 240 605 Utility issue fee (or reissue) 178 129 130 122 130 Petition to revive - unavoidable 140 100 10 10 10 10 10 10 10 10 10 10 10 1	107 480 207	240 Plant filing fee					Request for oral hearing	
SUBTOTAL (1) (\$) 710.00 2. EXTRA CLAIM FEES Extra Claims below below below local material below below local material below below local material local material below local material local local material local material local material local local local local material local local material l	108 760 208					1.510	Petition to institute a public use proceeding	
2. EXTRA CLAIM FEES Total Claims Recording each patent assignment per property (times number of properties)	114 150 214	75 Provisional filing fee	l .		-	•	Petition to revive - unavoidable	
Total Claims		SUBTOTAL (1) (\$) 710.00			241	605	Petition to revive - unintentional	
Total Claims 83 -20** = 63 X 18 = 1,134 144 580 244 290 Plant issue fee Independent 35 - 3** = 32 X 80 = 2,560 122 130 122 130 Petitions to the Commissioner Claims Multiple Dependent = 0 123 50 123 50 Petitions related to provisional applications **or number previously paid, if greater; For Reissues, see below Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Pee Fee Pee Fee Description Code (\$) Code (\$) 102 78 202 39 Independent claims in excess of 3 143 430 243 215 Design issue fee 144 580 244 290 Plant issue fee 122 130 122 130 Petitions to the Commissioner 123 50 123 50 Petitions related to provisional applications Submission of Information Disclosure Stmt Filing a submission after final rejection (37 CFR § 1.129(a)) 146 760 249 380 For each additional invention to be	2 FYTRA CI	AIM FEES	1	•	242	605	Utility issue fee (or reissue)	
Total Claims 83 - 20** = 63 X 18 = 1,134 144 580 244 290 Plant issue fee 124 130 Petitions to the Commissioner 125 130 Petitions related to provisional applications 126 240 126 240 127 130 Petitions related to provisional applications 128 130	2. EXTIGATOR	Fee from	143	430	243	215	Design issue fee	
Independent 35 - 3** = 32 X 80 = 2.560 122 130 122 130 Petitions to the Commissioner Multiple Dependent = 0 123 50 123 50 Petitions related to provisional applications ***ror number previously paid, if greater; For Reissues, see below Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Description Code (\$) Code (\$) 103 18 203 9 Claims in excess of 20 102 78 202 39 Independent claims in excess of 3 122 130 122 130 Petitions to the Commissioner	Total Claims 8	19 113/	144	580	244	290	Plant issue fee	
Multiple Dependent = 0 123 50 123 50 Petitions related to provisional applications ***or number previously paid, if greater; For Reissues, see below Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe	Independent 3		122	130	122	130	Petitions to the Commissioner	
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe			123	50	123	50	Petitions related to provisional applications	
Large Entity Small Entity Fee Fee Fee Fee Fee Fee Fee Fee Pee Fee Description 103 18 203 9 Claims in excess of 20 102 78 202 39 Independent claims in excess of 3 146 760 246 380 Filing a submission after final rejection (37 CFR § 1.129(a)) 149 760 249 380 For each additional invention to be			126	240	126	240	Submission of Information Disclosure Stmt	
103 18 203 9 Claims in excess of 20 102 78 202 39 Independent claims in excess of 3 146 760 246 380 Filing a submission after final rejection (37 CFR § 1.129(a)) 149 760 249 380 For each additional invention to be	Large Entity Sm Fee Fee Fee	all Entity Fee Fee Description	581	40	581	40	Recording each patent assignment per	
102 78 202 39 Independent claims in excess of 3 149 760 249 380 For each additional invention to be		9 Claims in excess of 20	146	760	246	380	Filing a submission after final rejection	
	102 78 202	•	149	760	249	380	For each additional invention to be	
	104 260 204						examined (37 CFR § 1.129(b))	
109 78 209 39 ** Reissue independent claims over original patent Other fee (specify)	109 78 209	over original patent	Other	fee (s	pecify)			
110 18 210 9 ** Reissue claims in excess of 20 and over original patent Other fee (specify)	110 18 210		Other	r fee (s	p€ےify)			
SUBTOTAL (2) (\$) 3,694 Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0		SUBTOTAL (2) (\$) 3,694	Red	uced b	y Basi	c Filing	Fee Paid SUBTOTAL (3) (\$)	0
SUBMITTED BY Complete (if applicable)	SUBMITTED BY							
Name (Print/Type) Dan Gelbart Registration No. (Attorney/Agent) Telephone 604 4512709		Dan Gelbart					Telephone 609 4.	512709
Signature Date Apv1/24/2001		<i>A</i>			-,,-	.7	Date ADVI	24/2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



DATE:	04-27-01
TO:	Utility
FROM:	Office of Initial Patent Examination Unit 7 (RAM Team)
SUBJECT:	Insufficient Funds
Deposit account num	ber <u>03-3571</u>
On 04-27	$\frac{1}{1}$ there were insufficient funds available to charge the attached fee.
If you have any quest at 703-306-5430.	tion, please contact Cynthia Streater (OIPE/JCWS RAM- Team)
Terminal Operator:	EHAILU
•	